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AUG 02 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRANSMITTAL FORM

ENT & T

Applicants:

Serial No.:

For:



Colburn et al.

10/804,553

METHOD OF PRODUCING SELF-ALIGNED MASK IN
CONJUNCTION WITH BLOCKING MASK, ARTICLES
PRODUCED BY SAME COMPOSITION FOR SAME

Filed: March 19, 2004

Examiner: Not yet assigned

Art Unit: 2812

Confirmation No.: 7482

Customer No.: 27,623

Docket No.: YOR920040020US1

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

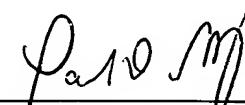
Dear Sir:

We are enclosing:

1. Information Disclosure Statement;
2. PTO Form 1449 with copy of references;
3. Transmittal letter in duplicate; and
4. Postcards.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 50-0510 in the name of International Business Machines Corporation (IBM). A duplicate copy of this sheet is attached.

Respectfully submitted,



Paul D. Greeley, Esq.
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
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(203) 327-4500

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 14502, ALEXANDRIA, VA 22313-1450, ON JULY 29, 2004.

KENROY A. BROWNE
NAME



SIGNATURE

07/29/04
DATE

10
JULY 2 2004
PATENT & TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed on March 19, 2004. This Information Disclosure Statement is being filed:

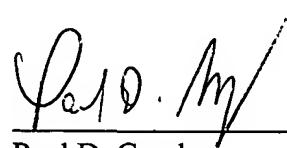
- Within three (3) months of the filing date of the national application;
- Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- Before the mailing date of a first Office Action on the merits;
- After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

- After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
- After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
- Filing with RCE Under 37 CFR 1.114.

Copies of the articles cited in the attached PTO-1449 are enclosed herewith.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



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July 29, 2004
Date



FORM PTO-1449

**INFORMATION DISCLOSURE
IN AN APPLICATION**

(Use several sheets if necessary)

Sheet 1 of 1.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	AUG 02 2004 U.S. PATENT & TRADEMARK OFFICE	Docket Number (Optional) YOR920040020US1	Application Number 10/804,553
		Applicant Colburn et al.	
		Filing Date March 19, 2004	Group Art Unit 2812

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Guarini et al., “ <i>Optimization of Diblock Copolymer Thin Film Self-Assembly</i> ”, Advance Materials, vol. 4, NO. 18, September 16, 2002.
	Black et al., “ <i>Integration of Self-Assembled Diblock Copolymers for Semiconductor Capacitor Fabrication</i> ”, Applied Physics Letters, vol. 79, No. 3, July 16, 2001.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.